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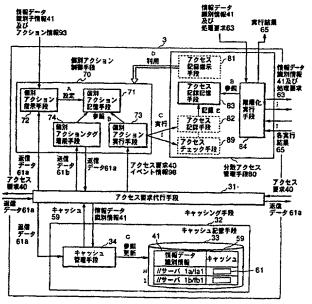
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(54)Title: COMMUNICATION PROXY DEVICE

(54)発明の名称 通信プロキシ装置



40...ACCESS REQUEST
98...EVENT INFORMATION
98...DISCRETE ACCESS ADMINISTRATING MEANS
31...ACCESS REQUEST PROXY MEANS
59...CACHE
32...CACHING MEANS
34...CACHE ADMINISTRATING MEANS
G...REFERRING, UPDATING
33...CACHE STORING MEANS
H...SERVER 1a/fal
1...SERVER 1a/fal
1...SERVER 1b/fbl
41...INFORMATION DATA IDENTIFIER INFORMATIVE
41...INFORMATION DATA IDENTIFIER INFORMATIVE

H...SERVER 13/fal

1...SERVER 13/fal

1...SERVER 15/fbl

11...SERVER 15/fbl

11...INFORMATION DATA IDENTIFIER INFORMATION

23...ACIUN INFORMATION

23...AEQUEST FOR PROCESSING

25...EXECUTION RESULTS

20...INDIVIDUAL ACTION CONTROL MEANS

21...INDIVIDUAL ACTION INSTRUCTING HEANS

21...INDIVIDUAL ACTION STORAGE MEANS

3...REFERRING

11...AUDIVIDUAL ACTION TAG ATTACHING/DETACHING MEANS

23...INDIVIDUAL ACTION EXECUTING MEANS

23...ACCESS RECORDING INSTRUCTING MEANS

21...ACCESS RECORDING STORING MEANS

22...ACCESS RECORDING MEANS

23...ACCESS RECORDING MEANS

24...AECESS CHECKING MEANS

25...AECESS CHECKING MEANS

26...AECESS CHECKING MEANS

27...RECESS CHECKING MEANS

28...AECESS CHECKING MEANS

29...ACCESS CHECKING MEANS

21...REPLY DATA

21...REPLY DATA

(57) Abstract

A communication proxy device for realizing an access to the latest information data while exploiting a cache without any change in a server device or client device in response to a request for an access to information data and for realizing a quick access control with a simple instruction. The communication proxy device additionally has individual action control means for designating specific information data by explicitly specifying identification information out of the information data or for instructing an execution of an action conditionally by adding an individual action tag together with the information data to reply data from another device, and distributed access administrating means for recording accesses to the specific information data by using the individual action control means, for executing the instructed

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